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(NE)

<b>AMENDMENT UNDER 37 C.F.R. §1.111</b>  Address to: Assistant Commissioner for Patents Washington, D.C. 20231	Attorney Docket	CLON-008
	First Named Inventor	CHENCHIK et al.
	Application Number	09/417,268
	Filing Date	October 13, 1999
	Group Art Unit	1655
	Examiner Name	B. Forman
	Title	NUCLEIC ACID ARRAYS

Sir:

This amendment is responsive to the FINAL REJECTION dated October 16, 2000 for which a three-month period for response was given making this response due on or before January 16, 2001. In view of the amendments to the claims and the remarks put forth below, reconsideration and allowance are respectfully requested.

## AMENDMENTS

1. (Twice Amended) An array comprising at least one pattern of probe oligonucleotide spots each having a diameter ranging from about 50 to 500 $\mu$  stably associated with the surface of a solid support, wherein each probe oligonucleotide spot comprises an oligonucleotide probe composition made up of a plurality of unique oligonucleotides, wherein said plurality comprises 2 or more unique oligonucleotides of different sequence that hybridize to the same target nucleic acid.

57. (Amended) An array comprising a pattern of probe oligonucleotide spots each having a diameter ranging from about 50 to 500 $\mu$  wherein each probe oligonucleotide spot comprises an oligonucleotide probe composition made up of 3 to 50 unique oligonucleotides of different sequence and from about 15 to 150 nucleotides in length that hybridize to the